

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Richard Michael LOWRY	Confirmation No.: 1277
Patent No.: 7,143,532 B2	Application No.: 10/760,096
Patent Date: December 5, 2006	Filing Date: January 15, 2004
For: MARINE BACKHOE DREDGE	Attorney Docket No.: 21418-4000

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Patentee hereby respectfully requests the issuance of a Certificate of Correction in connection with the above-identified patent. The correction is listed on the attached Form PTO-1050. The correction requested is as follows:

At column 7, line 27 (claim 17, line 1), after "The backhoe dredge of claim" delete "14" and insert -- 16 --. Support for this change appears in application claim 21.

The requested correction is for an error that appears to have been made by the Office. Therefore, no fee is believed to be due for this request. Should any fees be required, however, please charge such fees to Winston & Strawn LLP Deposit Account No. 50-1814. Please issue a Certificate of Correction in due course.

Respectfully submitted,

12-12-06
Date

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO.: 7,143,532 B2
APPLICATION NO.: 10/760,096
DATED: December 5, 2006
INVENTOR(S): Lowry

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7:

Line 27 (claim 17, line 1), after "The backhoe dredge of claim" delete "**14**" and insert -- **16** --.

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having a diameter between about 1 to 3 inches so that the at least one tie-back cable is capable of accommodating a backstay load of between about 200 KIPS.

15. The backhoe dredge of claim 14, wherein the extension arm and bucket weigh between about 50 to 300 tons and further including a plurality of spuds to inhibit movement of the water craft during operation of the backhoe dredge, wherein at least three spuds are provided in operative association such that at least one spud is maintained in a fixed position while the backhoe is operating, and at least one spud is configured to stabilize the barge in one position but allow advancing of the vessel in another position.

16. A marine backhoe dredge comprising:

a vessel;

a backhoe movably mounted on the vessel, the backhoe including a boom, a stick, and a bucket; and

a counterbalancing system to increase hoisting capacity or hoisting speed of the backhoe, the counterbalancing system including a support structure mounted to the vessel, a counterbalance, and one or more cables operatively associated with the support structure, counterbalance and backhoe and being connected to the backhoe and counterbalance;

wherein the counterbalancing system support structure is pivotable and in operative association with the backhoe.

17. The backhoe dredge of claim 14, wherein the counterbalance is a winch that collects or releases the one or more cables as the backhoe is operated.

18. The backhoe dredge of claim 16, wherein the counterbalance structure is a counterweight movably mounted on the vessel to collect or release the cable as the backhoe is operated.

19. A marine backhoe dredge comprising:

a water craft;

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a hydraulically driven backhoe movably mounted to the water craft, the backhoe including an extension arm having a bucket pivotably attached to a distal end of the extension arm; and

a counterbalancing system for increasing hoisting capacity or hoisting speed of the backhoe, the counterbalancing system including an A-frame assembly mounted to the watercraft, one or more cables, and a counterbalance mounted upon the water craft, the one or more cables operatively associated to the backhoe, counterbalance and the A-frame support structure, and being connected between the backhoe and counterbalance,

wherein the counterbalance is a winch that collects or releases the one or more cables as the backhoe is operated and the backhoe has a bucket capacity of about 5 to 35 cubic yards, and a dredging depth capacity of up to about 85 feet.

20. The backhoe dredge of claim 19, wherein the water craft is a barge and further including at least one tie-back cable attached to the A-frame assembly and anchored to the vessel, with the at least one tie-back cable being a wire rope having a diameter between about 1 to 3 inches so that the at least one tie-back cable is capable of accommodating a backstay load of between about 200 KIPS.

21. The backhoe dredge of claim 20, wherein the extension arm and bucket weigh between about 50 to 300 tons and further including a plurality of spuds to inhibit movement of the water craft during operation of the backhoe dredge, wherein at least three spuds are provided in operative association such that at least one spud is maintained in a fixed position while the backhoe is operating, and at least one spud is configured to stabilize the barge in one position but allow advancing of the vessel in another position.

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